

# MAINTENANCE ACTIVITY REPORT

**Site Name/Facility:** Industrial Court channel (11689 Sorrento Valley Road)

**PEIR Map No:** Maps 6a

**Date:** Nov 2010

**Preparer Name:** Anne B. Jarque, Senior Planner, City of San Diego

**Instructions:** This form must be completed following any work done at a storm water facility. Attach additional sheets if needed.

<b>Description of Work (e.g., routine, re-occurring; also note general frequency maintenance at this site):</b> Emergency maintenance to remove accumulated trash/debris, vegetation, and sediment within concrete-lined drainage channel which runs upstream from an outfall from Interstate-5 toward a double-box culvert under Sorrento Valley Road. The culvert inlet was last maintained in Dec 2009; and last maintenance of the channel occurred in Dec 2007.	
<b>Street Name:</b> Industrial Court and Sorrento Valley Road <b>Latitude:</b> 32°54' 55.33" N <b>Longitude:</b> -117°13' 54.26" E	<b>Work Orientation from Street (N, S, E, W):</b> Industrial and Commercial (N & S), Open Space (W); Interstate-5 (E) <b>Location Between:</b> Carmel Mountain Road (N), Sorrento Valley Road (W), Industrial Court (S), Interstate-5 (E)
<b>Maintenance Facility Type:</b> <input type="checkbox"/> Stream <input type="checkbox"/> Roadside Ditch <input type="checkbox"/> Spillway <input type="checkbox"/> Culvert <input type="checkbox"/> Detention Basin <input type="checkbox"/> Other: Concrete-lined drainage facility	<b>Additional Description:</b> Constructed channel is a small, under-sized shotcrete facility conveying runoff from I-5 and surrounding industrial and commercial businesses in the area.
<b>Work within drainage/creek:</b> Length: 300' of 690' channel segment (How many linear feet were cleared)	<b>Name of drainage/creek:</b> drains into a tributary to Sorrento Creek on MTDB/NCTD property <b>Width (FT):</b> varies 5' upstream to 15' at culvert crossing <b>Area (SQ FT):</b> approximate 2,400 square feet <b>Depth (FT):</b> 2'-3' to channel bottom only
<b>Is the creek lined:</b> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>  <b>Notes:</b> Shotcrete. As-built and easement identified on Map No. 4910 of Sorrento Valley Industrial Park Unit-2A	<b>Lining Type:</b> <input checked="" type="checkbox"/> Concrete lined both sides, bottom <input type="checkbox"/> Earthen, both sides, bottom <input type="checkbox"/> Riprap sides, earth bottom <input type="checkbox"/> Concrete sides, earth bottom <input type="checkbox"/> Other type: _____
<b>Silt/Sand Removal:</b> Length: 300' (How many linear feet were cleared of silt/sand)	<b>Describe cause of silt/sand:</b> Upstream from I-5 and surrounding commercial and industrial businesses.
<b>Debris Removal:</b> Length: 300' (How many linear feet were cleared of debris)	<b>Describe debris and cause:</b> 75% silt; 5% trash; 20% veg
<b>Were any toxic materials found:</b> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> <b>List toxics:</b> N/A <b>Hazardous Material Manifest:</b> N/A	<b>Were more than 9 tires recovered?</b> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>  <b>CTL Number:</b> N/A
<b>Access via previously disturbed area:</b> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	<b>Access route:</b> Existing paved parking lot and driveway <b>Maintenance Equipment Used:</b> Bobcat, Gradall, and Vactors
<b>Vegetation Removal:</b> Length: approximately 50 ft.  (How many linear feet were cleared of vegetation)	<b>Types of Vegetation Removed:</b> Reeds: Cattail ( <i>Typha</i> sp.)  (Indicate bush, trees, plants, grasses, list diameter of trunk at 4' height)

<b>Ground Disturbing Activities:</b> Length: 275 ft. (How many linear feet were disturbed by activity)	<b>Upland Vegetation Removed - Types &amp; Area:</b> Not applicable (no upland veg removed)
<b>Were erosion controls necessary?</b> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	<b>Describe interim erosion control measures:</b> Gravel bags and silt fence were placed at the upstream and downstream end of the facility to isolate maintenance area. Portable pumps and Vacuums were used to pump water from the maintenance area.
<b>Did work occur within nesting breeding season (January 15 – August 31)?:</b> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	<b>Biologist/Monitor/Archaeologist present:</b> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>  <b>Names:</b> Jasmine Bakker, Biologist
<b>Was any water quality sampling required?:</b> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	
<b>Additional Maintenance Description:</b> This channel naturally accumulates sediment from storm water runoff since the downstream (MTDB/NCTD) property is not maintained. The industrial/commercial buildings that get flooded from this channel are currently unoccupied.	
<b>Describe surrounding land use within work area (assume 500-foot buffer area):</b> The surrounding land uses include industrial and commercial businesses, open space on the west-side of Sorrento Valley Road within the railway (NCTD/MTS); and Interstate-5 (freeway) to the east)	
<b>Identify temporary/permanent impacts to habitat by area (acres/square footage) as determined by Biologist:</b>  Permanent impacts = complete removal of approximately 0.004-acre (174 sq. ft.) of freshwater marsh Temporary impacts = removal of sediment from channel (approximately 34 sq. ft.; mostly unvegetated but includes some freshwater marsh)	
<b>Additional Comments (Describe any unusual conditions, situations or special requirements needed to do the work such as diversion of water, construction of staging area, replacement of bank material, presence of utilities, etc.):</b> A 22'(l) x 15' (w) area on the west side of Sorrento Valley Road was not maintained because it is located on MTDB/NCTD property. A right-of-entry permit on MTDB/NCTD was issued, however, crews need to go through extensive railway training and MTDB/NCTD flaggers need to be scheduled before any equipment or personnel can begin work. Based on timing and available funding, it is unlikely that this area will be maintained.	
<b>The Map 6 &amp; 6a facilities were maintained between September 14 and 24, 2010 and 489.38 tons of sediment, trash and vegetation from the system and thereby prevented significant amounts of downstream pollution to the sensitive Los Penasquitos Lagoon.</b>	